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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 OF 5

Complete if Known

Application Number - 10/005,438

Filing Date - Dec. 3, 2001

First Named Inventor - Tse Wen Chang

Group Art Unit - 1642 1646

Examiner Name - ~~S. UNGAR~~ G. chandra

Attorney Docket Number TNX95-2ABB

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Documents		U.S. Patent Document Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number Code	Kind (if known)			
	4973470	B1	Gaudette, et al.	05/24/1989	Duplicate
	5004605	B1	Hershenson, et al.	04/02/1991	Duplicate
	5460811	B1	Goeddel, et al.	10/24/1995	Duplicate
	5468609	B1	Revel, et al.	11/21/1995	Duplicate
	5468608	B1	Revel, et al.	11/21/1995	Duplicate
	5468607	B1	Revel, et al.	11/21/1995	Duplicate

FOREIGN DOCUMENTS

Examiner Initials	Foreign Patent Documents			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation
	Office	Number	Kind Code (if known)				
	EP	0083069	B1	Itoh, et al.	08/11/1987	Duplicate	
	EP	0084681	A2	Taniguchi, et al.	11/17/1982	//	
	EP	0467416	A1	Burnett, et al.	01/22/1992	//	
	WO	8118353	A1	Laroche, et al.	10/31/1991	Duplicate	

Examiner Signature	<i>Gyan Chandra</i>	Date Considered	11/2/05
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		Group Art Unit 1642 1646	
Examiner Name S-UNGAR G. Chandra			
SHEET 2 OF 5		Attorney Docket Number TNX95-2ABB	

U.S. PATENT DOCUMENTS					
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	Number Code	Kind (if known)			
	5015790	B1	Friesen, et al.	05/14/1991	Duplicate
	4289689	B1	Friesen, et al.	09/15/1981	
	5428130	B1	Capon, et al.	06/27/1995	Duplicate
	5349053	B1	Landolfi	09/20/1994	

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	Office	Number	Kind Code (if known)				

Examiner Signature	<i>Bryan Chandra</i>	Date Considered	11/2/05
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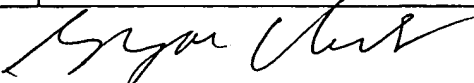

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SHEET	3	OF	5

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s).	T 2
_____		Huston, JS, et al., <i>Methods in Enzymology</i> , 203:46-88. <i>Duplicate</i>	
_____		Landolfi, N.F., <i>J. Immunol.</i> , 146:915-919 (1991), Chimeric IL-2/Ig Molecule.	
_____		Peterhans, A., et al., <i>Analytical Biochemistry</i> , 163(2) 470-75. <i>Duplicate</i>	
_____		Baron, E. and Narula S., <i>Biotechnology</i> , 10:179-190, 1990, From cloning to a commercial realization: Human alpha interferon.	
_____		Bocci, V., <i>Interferon</i> , 4:47-72, 1985, Distribution, catabolism and pharmacokinetics of interferons.	
_____		Bohoslawec, O. et al., <i>J. Interferon Res.</i> , 6:207-213, 1986, Pharmacokinetics and tissue distribution of recombinant human alpha A, D, A/D(Bgl), and I interferons and mouse alpha-interferon in Mice.	
_____		Bonetti, A. and Kim, S. <i>Cancer Chemother Pharmacol.</i> 33:258-261, 1993, Pharmacokinetics of an extended-release human interferon alpha-2b formulation.	
_____		Brown, K.D. <i>Genetic Engineering News</i> , 15:1-35, 1995, Novel emerging therapeutics target the hepatitis C virus.	
_____		Brunt, J.V., <i>Biotechnology</i> , 7:549, 1989, Interferon trials proliferate.	
_____		Cantell, K. et al., <i>Methods in Enzymology</i> , 78A:29-38, Academic Press, 1981.	
_____		Goligan, J.E. et al., <i>Current Protocols in Immunology</i> , pp 6.9.1-6.9.8, Current Protocols, 1991, Measurement of antiviral activity induced by interferon α , β , and γ .	
_____		Daugherty, B.L. et al., <i>Nucleic Acids Res.</i> 19:2471-6, 1991, Polymerase chain reaction facilitates the cloning, CDR-grafting, and rapid expression of a murine monoclonal antibody directed against the CD18 component of leukocyte integrins.	
_____		Dianzani, F. <i>J. Interferon Res. (Special Issue)</i> 109-118, 1992, Interferon treatments: how to use an endogenous system as a therapeutic agent.	
Examiner Signature	<i>Gyan Chandra</i>		Date Considered 11/2/05

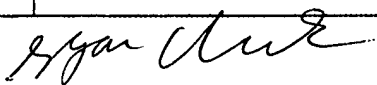
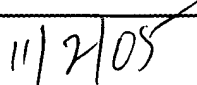
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		Application Number 10/005,438 Filing Date Dec. 3, 2001 First Named Inventor Tse Wen Chang Group Art Unit 1642-1646 Examiner Name S. UNGAR G. chandra Attorney Docket Number TNX95-2ABB	
SHEET	4	OF	5

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s).	T 2
		Evinger, M. and Pestka, S., <i>Methods in Enzymology</i>, 79:362-8, Assay of growth inhibition in lymphoblastoid cell cultures.	
		Goeddel, D.V. et al., <i>Nature</i>, 290:20-26, 1981, The structure of eight distinct cloned human leukocyte interferon dDNAs	
		Guterman, J., <i>Proc. Nat. Aca. Sci.</i> 91:1198-1205, 1994, Cytokine therapeutics: lessons from interferon α.	
		Johns, T.G. et al., <i>Cancer Res.</i> 50:4718-23, 1990, Pharmacokinetics, tissue distribution, and cell localization of [35S] methionine-labeled recombinant human and murine α interferons in mice.	
		Kabat, E.A. et al., <i>Sequences of proteins of immunological interest</i>, pp 1582-98, NIH, 1991	
		Kurschner, C. et al., <i>J. Immunol.</i> 149:4096-4100, 1992, IFN-γ receptor-Ig fusion proteins.	
		Mordenti, J. et al., <i>Nature</i>, 337:525-31, 1989, Designing CD4 immunoadhesins for AIDS therapy.	
		Quesada, J.R. et al., <i>J. Clin. Oncol.</i> 4:234-243, 1986, Clinical toxicity of interferons in cancer patients: a review	
		Roche Labs, <i>Referon A</i>, Schering, Intron A, <i>Physicians' Desk Reference</i>, 47 edition, 1993, pp. 2006-2008, 2194-2201.	
		Roitt, I., <i>Essential Immunology</i>, 7th edition, 1991, Blackwell Scientific Publications, pp. 45-51, Immunoglobulin classes and subclasses.	
		Saiki, R.K. et al., <i>Science</i>, 239:487, 1988, Primer-directed enzymatic amplification of DNA with a thermostable DNA polymerase.	
		Sambrook, J. et al., <i>Molecular cloning</i>, 1989, Cold Spring Harbor Laboratory Press, pp. 16.28-16.29.	
		Schein, C.H. and Noteborn, H.M., <i>Bio/technology</i>, 6:291-294, 1988, Formation of soluble recombinant proteins in Escherichia coli is favored by lower growth temperature.	
Examiner Signature			Date Considered 

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		Scorer, C.A. et al., Gene, 136:111-9, 1993, The intracellular production and secretion of HIV-1 envelope protein in the methylotrophic yeast Pichia pastoris.	
		Strander, H. Adv. Cancer Res. 46:1-265, 1986, Interferon treatment of human neoplasia.	
		Tabata, Y. et al., Cancer Res. 51:5532-8, 1991, Effects of recombinant alpha-interferon-gelatin conjugate on in vivo murine tumor cell growth.	
		Von Gabain, A., et al., Eur. J. Biochem. 190:257-61, 1990, Three human interferon-α2 subvariants disclose structural and functional differences.	
		Weissmann, C. and Weber, H. Prog. Nuc. Acid Res. Mol. Biol. 33:251-300, 1986, The interferon genes.	
		Wilkinson, D.L. and Harrison, R.G., Biotechnology, 9:443-448, 1991, Predicting the solubility of recombinant proteins in Escherchia coli.	
		Zoon, K.C. Interferon, 9:1-12, 1987, Human interferons: structure and function.	
		Physicians' Desk Reference 2194-2201	
		Capon, D. et al., Nature, 337:525-531, 1989, Designing CD4 Immuno adhesions for AIDS Therapy	
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